

L1 ANSWER 2 OF 2 WPINDEX COPYRIGHT 2004 THOMSON DERWENT on STN
 ACCESSION NUMBER: 1974-33755V [18] WPINDEX
 TITLE: Powdered polybutene-1 prodn - using titanium trichloride
 and alkyl alumin-ium cpd as the polymerisation catalyst.
 DERWENT CLASS: A17
 PATENT ASSIGNEE(S): (MITS) MITSUBISHI PETRO-CHEM CO
 COUNTRY COUNT: 1
 PATENT INFORMATION:

PATENT NO	KIND	DATE	WEEK	LA	PG	MAIN	IPC
JP 49014541	B	19740408	(197418)*				<--

PRIORITY APPLN. INFO: JP 1970-98924 19701111
 INT. PATENT CLASSIF.: B01J011-84; C08F001-04; C08F003-12
 BASIC ABSTRACT:
 JP 74014541 B UPAB: 19930831

In the process for producing polybutene-1 the polymerisation reaction is effected at <35 degrees C using a catalyst comprising TiCl3 alkyl Al cpd. dispersed in a powdered dispersing agent and using liquified butene-1 as solvent for polymerisation. The process provides powdered polybutene-1 with high bulk density and good dispersibility. Dispersing agents, are e.g. powdered polymer, esp. polybutene-1, polypropylen, polyethylene, etc. Polybutene-1 produced as the polymerisation reaction proceeds also acts as dispersing agent.

FILE SEGMENT: CPI
 FIELD AVAILABILITY: AB
 MANUAL CODES: CPI: A02-A06B; A04-G01E; A04-G04; A08-S